



# FACILITY COMPLIANCE INSPECTION REPORT

## Division of Waste Management Solid Waste Section

<b>UNIT TYPE:</b>												
Lined MSWLF		LCID		YW		Transfer		Compost		SLAS		<b>COUNTY: CATAWBA</b> <b>PERMIT NO.: 18-04</b> <b>FILE TYPE: COMPLIANCE</b>
Closed MSWLF		HHW		White goods		Incineration		T&P		FIRM		
CDFL	<b>X</b>	Tire T&P / Collection		Tire Monofill		Industrial Landfill	<b>X</b>	DEMO		SDTF		

**Date of Site Inspection:** April 23, 2012

**Date of Last Inspection:** April 1, 2011

**FACILITY NAME AND ADDRESS:**

Duke Energy Carolinas, LLC - Marshall Steam Station  
 Industrial Landfill  
 8320 East NC Highway 150  
 Terrell, North Carolina 28682

**GPS COORDINATES:** N: 35.60463 W: -80.9774

**FACILITY CONTACT NAME AND PHONE NUMBER:**

Donna Burrell, Environmental Coordinator  
 Duke Energy Carolinas, LLC  
 (828) 478-7820  
 donna.burrell@duke-energy.com

**FACILITY CONTACT ADDRESS:**

Registered Agent: CT Corporation System  
 150 Fayetteville Street, Box 1011  
 Raleigh, NC 27601

Principal Office: Duke Energy Carolinas, LLC  
 526 South Church Street  
 Charlotte, NC 28202-1904

**PARTICIPANTS:**

Donna Burrell, Duke Energy Carolinas, LLC – Environmental Coordinator  
 Buddy Mayberry, Duke Energy Carolinas, LLC – Material Handling Coordinator  
 Larry Frost, Regional Permitting Engineer - NCDENR Solid Waste Section  
 Deb Aja, NCDENR Solid Waste Section

**STATUS OF PERMIT:**

Inactive/Closed. The facility consists of a closed ash landfill, closed asbestos landfill, and a closed construction and demolition landfill. The portion of the landfill permitted to receive fly ash was closed in 2001. The portion of the landfill permitted to receive asbestos and construction and demolition debris has not received waste since before June 30, 2008. Closure documentation and closure certification has been submitted and received by the Solid Waste Section.

**PURPOSE OF SITE VISIT:**

Partial Inspection – Operations.

**FACILITY COMPLIANCE INSPECTION REPORT**  
**Division of Waste Management**  
**Solid Waste Section**

Page 2 of 3

**STATUS OF PAST NOTED VIOLATIONS:**

None.

**OBSERVED VIOLATIONS**

None.

The item(s) listed above were observed by Section staff and require action on behalf of the facility in order to come into or maintain compliance with the Statutes, Rules, and/or other regulatory requirements applicable to this facility. Be advised that pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Laws, Regulations, Conditions of a Permit, or Order under Article 9 of Chapter 130A of the N.C. General Statutes. Further, the facility and/or all responsible parties may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

**ADDITIONAL COMMENTS**

Inspection of the Closed Ash Landfill:

1. The access road was maintained in good condition.
2. Edge-of-waste markers were in place and maintained.
3. It appeared that the cover system was maintained in good condition. During the previous inspection bare areas were observed on the cap. This appeared to have been corrected as grass was well established over the landfill cap. The grass was mowed (it was stated that the cap is currently mowed twice per year).
4. There was no erosion observed.
5. There was no ponding of water observed on the landfill surface.
6. Slope drains and other stormwater control structures appeared to be maintained in good condition.

Inspection of Closed Construction and Demolition Landfill:

7. The access road was maintained in good condition.
8. Edge-of-waste markers were in place and maintained.
9. The landfill cover system was maintained in excellent condition. A vegetative cover consisting of clover and grass was established and mowed.
10. There was no erosion observed. During the previous inspection some erosion was observed on the eastern slopes of the landfill. This area was repaired and appeared to be stabilized.
11. There was no ponding of water observed on the landfill surface.
12. Stormwater control structures were maintained in good condition.

Inspection of the Asbestos Landfill:

13. The access road was maintained in good condition.
14. Edge-of-waste markers were in place and maintained.
15. The landfill cover system was maintained in good condition. A vegetative cover consisting of clover and grass was established and mowed.
16. There was no erosion observed. Riprap had been installed on the western slope of the landfill to control erosion in that location.
17. There was no ponding of water observed on the landfill surface.
18. Stormwater control structures appeared to be maintained in good condition.

**FACILITY COMPLIANCE INSPECTION REPORT**  
**Division of Waste Management**  
**Solid Waste Section**

Page 3 of 3

Please contact me if you have any questions or concerns regarding this inspection report.



Deborah Aja  
Environmental Senior Specialist  
***Regional Representative***  
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Sent on May 7, 2012, to:	<input checked="" type="checkbox"/>	Email		Hand delivery		US Mail		Certified No.
Donna Burrell, Duke Energy Carolinas, LLC								
by;								

Ec: Jason Watkins, Western District Supervisor  
Jessica Montie, Compliance Officer  
Larry Frost, Regional Permitting Engineer  
Buddy Mayberry, Duke Energy Carolinas, LLC